

Converting Colors

CIELCh(76, 14.147, 217.887)

Have a look what the booklet for
CIELCh(76, 14.147, 217.887)
contains.

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Color

CIELCh(76, 14.008, 218.852)

Conversions

Conversions Part 1

Format	Color
Hex	9BC2CB
RGB	155, 194, 203
RGB Percent	61%, 76%, 80%
CMY	0.3920, 0.2390, 0.2038
CMYK	0.24, 0.04, 0.00, 0.20
HSL	191°, 32%, 70%
HSV	191°, 24%, 80%
XYZ	43.6098, 49.8872, 63.8556
YIQ	183.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

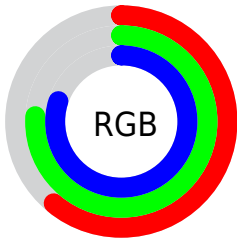
Format	Color
RYB	155, 177, 203
Decimal	10207947
CIELab	76.00, -10.91, -8.79
CIELCh	76, 14.008, 218.852
Yxy	49.8872, 0.2771, 0.3170
Android (android.graphics.Color)	4288398027 (0xFF9BC2CB)
YUV	183.3650, 9.6801, -24.8761
Hunter-Lab	70.6309, -13.3925, -4.1610

Details

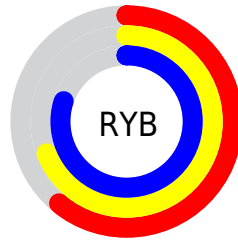
The CIELCh color **76, 14.008, 218.852** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 16.431, 37.872**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.759, 207.216**, and **56, 13.836, 220.300** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.217, 219.462**, and if you desaturate by 10%, it is **78, 8.332, 218.442**.

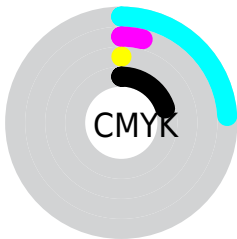
Distribution



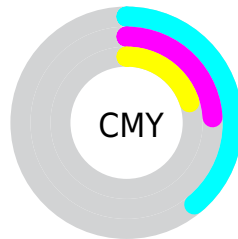
- Red (61%)
- Green (76%)
- Blue (80%)



- Red (61%)
- Yellow (69%)
- Blue (80%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)





- Cyan (39%)
- Magenta (24%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 14.008, 218.852 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 14.008, 218.852 by changing the saturation by 10% instead.


 76, 14.008,
218.852


 76, 14.008,
218.852


 100, 14.008,
218.852


 66, 14.008,
218.852


 96, 14.008,
218.852

 56, 14.008,
218.852

 46, 14.008,
218.852

 36, 14.008,
218.852

 26, 14.008,
218.852

 16, 14.008,
218.852

 6, 14.008, 218.852

0, 14.008, 218.852

76, 14.008,
218.852

76, 14.008,
218.852

74, 19.217,
219.462

78, 8.332, 218.442

72, 23.862,
220.331

81, 2.281, 218.341

83, 4.061, 37.806

70, 27.851,
221.513

86, 10.625, 37.824

68, 31.110,
223.078

89, 16.769, 38.435

89, 16.189, 46.420

66, 33.596,
225.105

90, 15.949, 54.811

65, 35.321,
227.673

91, 16.062, 63.253

■ 63, 36.370,
230.841

■ 92, 16.521, 71.382

■ 63, 36.830,
233.087

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 14.008, 218.852



71, 16.431, 37.872

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 14.008, 218.852



76, 14.008, 268.852



76, 14.008, 38.852



76, 14.008, 88.852

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 14.008, 218.846



98, 5.233, 218.304



78, 27.616, 148.272



52, 3.395, 218.310



0, 0.000, 0.000



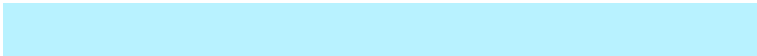
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 14.008, 218.846



92, 19.635, 219.109



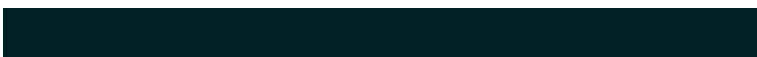
70, 18.556, 275.862



42, 3.518, 218.337



52, 31.647, 232.495



10, 11.759, 224.137

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 27.638, 331.567



83, 39.368, 331.879



77, 18.567, 89.452



40, 6.619, 330.641



38, 72.439, 337.313



5, 24.915, 334.779

Previews

White Background



This preview shows how the CIELCh color 76, 14.008, 218.852 looks on a white background.

Color Contrast Check

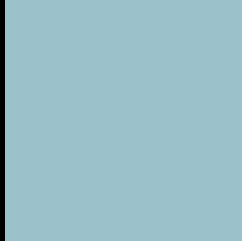
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 14.008, 218.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

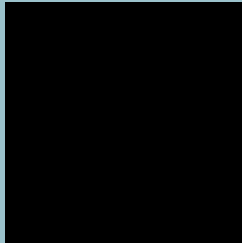
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.008, 218.852

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.008, 218.852.

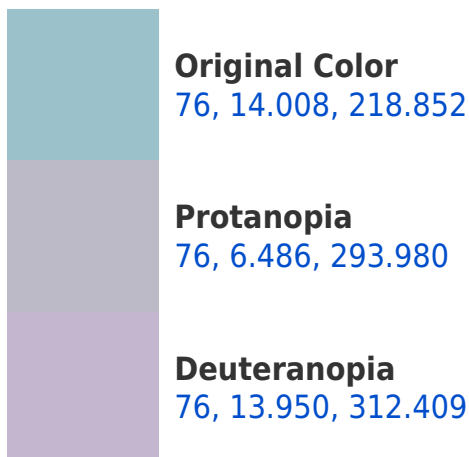


This preview shows how white text looks on a background with the CIELCh color 76, 14.008, 218.852.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
76, 14.896, 234.188

Trichromacy



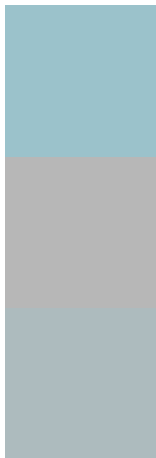
Original Color
76, 14.008, 218.852

Protanomaly
76, 7.634, 250.255

Deuteranomaly
76, 10.359, 281.343

Tritanomaly
76, 14.390, 230.392

Monochromacy



Original Color
76, 14.008, 218.852

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.277, 217.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.008, 218.852 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(155, 194, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 194, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.008, 218.852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

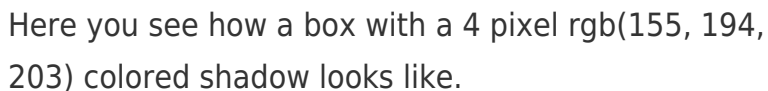
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 194, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 194, 203) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(155, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(155, 194,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.008, 218.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 194, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
194, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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